



CDF Operations

M Jones – 6-Feb-2003

- **Final work during shutdown**
- **Accelerator status**
- **More final shutdown work**



The “end” of the shutdown

Thursday, Jan 30:

- Disabled wire on SL8 of COT
- Repaired T0F HV cable
- Closed plugs

Friday, Jan 31:

- Plug sourcing

Saturday, Feb 1:

- Controlled access, recovered L0 ladder



Accelerator startup

Saturday, Feb 1:

- Worked on C0 shunt
- Ramped Tevatron to flat top
- Heater misfired at C34U causing quench
- Another quench at flat top from C34U
- Quench on ramp at C34U
- Ground fault indication at C33-C34
- Replace magnet – this takes one week.



Revised shutdown schedule

- Warm up Tevatron (2 days)
- C34 magnet replaced on Wednesday owl shift
- Leak checking and cool down (4 days)
- Plan to start up Tevatron on Sunday

Magnet failure not believed to be related to any work carried out during shutdown.



Continued shutdown work

One extra week to check out detector

- Install jib crane for shielding east low beta quad
- Thwarted hot CEM PMT
- TSU preamp grounding work
- Continued iFix upgrades
- Trigger development – TOF trigger, Readout lists
- Daily L2 torture tests – high rate DAQ tests
- Daily long cosmic runs – all HV on



Outlook

- Most problems on detector have been addressed
- Will know more when running at high rates with beam
- Tevatron recovery going well
 - Re-established beam through booster, MI, anti-proton source
 - Re-established stacking
- Proceed with Tevatron startup plan
- Colliding beams hoped for by mid-week